



HDR-CX300

High Definition Flash Memory Handycam[®] Camcorder

Capture stunning 1920 x 1080 high-definition video² and 7 Megapixel still images with the HDR-CX300, which employs an "Exmor R" CMOS sensor for superior low-light performance and 16GB¹ of embedded flash memory.

Optical SteadyShot[™] image stabilization with Active Mode and 3-way Shake Canceling enables you to capture remarkably smooth video from wide angle to full telephoto shooting.



Full HD Recording with 60p playback

Record amazing HD video at full 1920x1080 resolution and enjoy 60p playback via HDMI[™] cable and compatible HDTV. Additionally, you can record your video at 24 Mbps, the highest possible bit-rate for AVCHD, and enjoy near Blu-ray Disc[™] quality video reproduction.²

1/4" "Exmor R" CMOS Sensor

Delivers bright, vivid, spectacularly detailed video footage, as well as 7 Megapixel still images. Additionally, it provides stunning low-light sensitivity with improved image clarity and drastically reduced grain whether you're in video or still photo mode.

Optical SteadyShot[™] image stabilization w/ Active Mode (Wide to Tele)

Compensates for greater degrees of camera shake to deliver stunningly smooth video from wide angle to full telephoto shooting.

Wide Angle G-Lens (27.4mm)* with 12X Optical Zoom

Engineered for superior optical performance, Sony G lenses deliver brilliant, accurate color reproduction and sharp, amazingly detailed images. In addition, the 27.4mm^{*} focal length in Photo Mode and 29.8mm^{*} in Video Mode offers a broader perspective for enhanced wide angle shooting.

Quick Autofocus

An improved autofocus (AF) system now lets you take crisp images even faster. In fact, this new Quick AF feature focuses twice as fast when compared to previous Sony camcorder models.

Direct Copy to External HDD

Lets you copy videos from your camcorder directly to an external hard disk drive (sold separately)¹⁸, all without a computer. Your camcorder can also access videos stored on the external hard drive for playback on your HDTV⁴, allowing you to utilize the camcorder's handy playback features.

Intelligent Auto Mode

Analyzes your shot and then automatically selects the appropriate settings from 10 distinct scene modes: Landscape, Backlight, Twilight, Spotlight, Low light, Macro, Portrait, Baby, Tripod, Walk Detection. Lets you get extra creative with 90 possible scene combinations.

Face Detection Technology w/ Face Priority

With Face Priority, your camcorder optimizes focus, color, exposure, and Smile Shutter[™] technology for the face you prioritize. Just touch the preferred face on the LCD display and the camcorder will not only prioritize it for you, but will remember your prioritized face until the camera is turned off.

Golf Shot

Captures a few seconds of motion as a sequence of up to 22 still images, which can be viewed/printed individually or as a composite "sequence shot" image, perfect for analyzing the nuances of a golf swing, tennis serve, and other fast action.

Additional Features:

- 2.7" Clear Photo[™] LCD (230 K) display³
- Active Interface Shoe
- Sony[®] PMB (Picture Motion Browser) software⁹
- Smooth Slow Record

Specifications

IMAGER		CONVENIENCE			
Imaging Device	1/4" *Exmor R® CMOS Sensor with ClearVid™ array	Face Detection	Yes		
Processor	BIONZ® image processor	Smile Shutter™ Mode	Yes		
Imager Pixel Gross Size	4200K	Quick On	Yes, Power On with LCD		
VIDEO		CONVENIENCE FEATURES			
Video Actual 16:9	2650K pixels	Dynamic Range Optimizer	Yes		
Video Actual 4:3	1990K pixels	Image Stabilization	Optical SteadyShot™ Image Stabilization		
Video Resolution (Movie Quality)	HD: 1920x1080, 1440x1080; SD: 720 x 480	x.v.Color™	Yes		
Video Signal System	HD: HDTV 1080/60i; SD: NTSC color	White Balance	Auto / Outdoor / Indoor / Onepush (Touch Panel)		
Video Format(s) Supported	HD: AVCHD®; MPEG-2	Fader Effects	Yes		
STILL PICTURE		SCENE SELECTION MODE(S)			
Still Actual 16:9	2650K	Auto, Twilight, Twilight Portrait, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Beach, Snow			
Still Actual 4:3	3540K	Face Index	Yes		
Still Picture Resolution	7 MP	Film Roll Index	Yes		
Dual Record Resolution	5.3 MP	Photo Capture from Movie	Yes		
AUDIO		STILL IMAGE MODE(S)			
Audio Recording Format	Dolby® Digital 2ch stereo	Still Image Mode(s)	JPEG		
Microphone	Built-in Zoom Microphone	Slide Show Mode	Yes		
MEDIA TYPE		EASY HANDYCAM			
Recording Media	Memory Stick PRO Duo™ Media (Sold Separately); SD/SDHC Media ²⁰	Easy Handycam	No		
Internal Memory	16GB ¹	One Touch Disc Burn	Yes ²¹		
RECORDING CAPACITY		PHOTO-TV HD			
Rec. / Playback with Internal Memory	When using 2ch: High Definition: FX = up to 85 min., High Definition: FH = up to 115 min., HQ = up to 230 min., LP = up to 395 min. Standard Definition: HQ = up to 235 min.	PhotoTV HD	Yes ⁸		
OPTICS AND LENS		MULTIPLE LANGUAGE DISPLAY			
Lens Type	G Lens	Smooth Slow Record	Yes		
35mm Equivalent 16:9	29.8 - 357.6mm	Golf Shot	Yes		
35mm Equivalent 4:3	36.5 - 438mm	POWER			
Aperture	F1.8 - 3.4	POWER CONSUMPTION			
Exposure Control	Yes (Touch Panel)	Power Consumption	3.3W		
Filter Diameter (mm)	30mm	SUPPLIED BATTERY TYPE			
Focal Distance (mm)	2.9 - 34.8mm	Supplied Battery Type	InfoLITHIUM® (NP-FV50)		
Focus System	Full Range Auto/Manual	POWER REQUIREMENTS			
Progressive Shutter Mode	N/A	Power Requirements	7.2V (battery pack); 8.4V (AC Adaptor)		
Shutter Speed	Scene Selection, 1/8-1/1000; STD: 1/60-1/1000; LOW LUX: 1/30-1000; Smooth Slow Rec, 1/240 - 1/1000	DIMENSIONS			
Minimum Illumination	11 lux (1/60 Shutter Speed)	DIMENSIONS			
Optical Zoom	12x	Dimensions (Approx.)	2 1/8 x 2 5/8 x 4 1/2 inch (52 x 64 x 112mm)		
Digital Zoom	160x	Weight (Approx.)	10oz (310g)		
DISPLAY		SUPPLIED ACCESSORIES			
Display	2.7" Clear Photo™ wide touch screen LCD ³	AC Adaptor			
View Finder	No	Rechargeable Battery Pack			
HARDWARE		InfoLITHIUM® (NP-FV50)			
Flash	Yes (High / Normal / Low)	Remote Commander® control unit			
Memory Card Slot	Yes (Memory Stick PRO Duo media, SD/SDHC media ²⁰)	RMT-835			
Manual / Auto Lens Cover	Auto	Clock Lithium (Installed)			
S/S & Zoom Button on LCD	Yes (Touch Panel)	Component Video Cable			
INPUTS & OUTPUTS		Composite Video Cable			
Audio/Video Remote Terminal	Video/S Video/Audio/Component Out/Remote	USB Cable			
Digital Audio/Video Output(s)	HDMI™	Application Software (CD-ROM)			
USB Port(s)	Yes (mini B/Hi-Speed)	PMB Ver.5.0 ¹³	SUGGESTED ACCESSORIES		
Component Video (Y/Pb/Pr) Output(s)	A/V terminal	Rechargeable InfoLITHIUM			
HDMI™ Connection Output(s)	Yes (mini)	Batteries			
Headphone Jack	No	Starter Kit			
Microphone Input	No	AC Adaptor/Charger for V series batteries			
Active Interface Shoe	Yes	Lens			
		HDMI Cable (mini)			
		Tripod			
		Video Light			
		GPS Unit			
FOOTNOTES					
1. 16GB equals 16 billion bytes. A portion of the total storage is used for system management and/or application files. The capacity that a user can use is approximately 15.5GB.					
2. This camera captures high definition footage in the AVCHD format. High Definition AVCHD discs can be created using standard DVD media, the supplied software and a compatible PC. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc® player/recorder, PC with supplied software or PlayStation®3 devices. DVD media containing AVCHD footage should not be used with standard DVD based players, as the DVD player may fail to eject the media and may erase its contents without warning.					
3. Viewable area measured diagonally.					
4. HD viewing requires compatible HDTV and HDMI™ cable, both sold separately.					
5. Requires BRAVIA Sync feature in each product, including a compatible BRAVIA® HDTV. Please refer to owner's manual to determine compatibility.					
7. NAVTEQ map detail on the camcorder is limited in some areas. By using a compatible PC, a broadband Internet connection, and supplied Picture Motion Browser software, your photos and videos can be shown on an online map service. The online map service is currently provided courtesy of Google, and is subject to change or termination without notice.					
9. Requires Microsoft Windows XP SP3 / Windows Vista SP2 / Windows 7. Not supported by Mac OS.					
10. Smooth Slow Record captures 3 seconds of video which play back over 12 seconds.					
12. One Touch Disc Burn feature requires DVDDirect burner or compatible PC with supplied PMB software (sold separately).					
13. Requires USB 2.0 connection via VMC-JAM1 cable (sold separately). AC power for camcorder, and hard drive formatted in FAT-32. Connection via USB hub not supported. External HHD/USB media should be less than 2TB/Terabytes.					
20. When using movie mode Memory Stick PRO Duo with MARK2 (M2) logo, Memory Stick PRO-HG™, SD/SDHC media (Class 4 or higher) are recommended.					

